Title (en)
ADPCM SPEECH CODING SYSTEM WITH SPECIFIC STEP-SIZE ADAPTATION

Title (de)
VORRICHTUNG ZUR ADPCM SPRACHKODIERUNG MIT SPEZIFISCHER ANPASSUNG DER SCHRITTWEITE

Title (fr)
SYSTEME ADPCM DE CODAGE DE LA PAROLE AVEC ADAPTATION SPECIFIQUE EN FONCTION DE LA VALEUR DE NIVEAU

Abstract (en)
[origin: WO02082425A1] In a speech coding system with an encoder and a decoder cooperating with said encoder, the speech encoder comprises a pre-processor and an ADPCM encoder with a quantizer and step-size adaptation means, while the speech decoder comprises an ADPCM decoder with similar step-size adaptation means as in the ADPCM encoder and with a decoder, and a post-processor. The quantizer is provided with storage means containing values for a correction factor alpha (c(n)) of the step-size <(n), said correction factor being dependent on the quantizer output signal c(n). The step-size adaptation occurs in accordance with the relation:

IPC 8 full level
G10L 19/00 (2006.01); **G10L 25/90** (2013.01); **H03M 7/38** (2006.01); **H04B 14/06** (2006.01)

CPC (source: EP US)
G10L 19/00 (2013.01 - EP US); **H04B 14/068** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 02082425 A1 20021017; AT E323316 T1 20060415; CN 1229774 C 20051130; CN 1460247 A 20031203; DE 60210597 D1 20060524; DE 60210597 T2 20070125; EP 1386308 A1 20040204; EP 1386308 B1 20060412; JP 2004519735 A 20040702; JP 3972000 B2 20070905; US 2002184005 A1 20021205; US 7050967 B2 20060523

DOCDB simple family (application)
IB 0201051 W 20020325; AT 02713142 T 20020325; CN 02801105 A 20020325; DE 60210597 T 20020325; EP 02713142 A 20020325; JP 2002580310 A 20020325; US 11655002 A 20020404